CMI: Case Mix IMPACT
The Correlation Between Therapy and Nursing Function Score

- The function scores between therapy and nursing can have an inverse impact on reimbursement (non-linear relationship between function status and payment)
  - There are literally thousands of combinations between the therapy case mix group, nursing case mix group, and respective function scores

EXAMPLE #1 – Patient's functional status improves; daily payment increases.

Cognitively intact patient with TKA – needed moderate/maximal assistance on evaluation

PDPM Component	CMG	CMI	Urban Base Rate	Daily Payment
Physical Therapy	TB (Function Score = 6-9)	1.61	$73.25	$117.93
Occupational Therapy	TB (Function Score = 6-9)	1.54	$68.18	$105.00
Nursing	PBC1 (Function Score = 6-14)	1.07	$127.68	$136.62
Total Daily Rate				$359.55

Cognitively intact patient with TKA – improves to minimal/moderate assistance on day 7

PDPM Component	CMG	CMI	Urban Base Rate	Daily Payment
Physical Therapy	TC (Function Score = 10-23)	1.78	$73.25	$130.39
Occupational Therapy	TC (Function Score = 10-23)	1.60	$68.18	$109.09
Nursing	PBC1 (Function Score = 6-14)	1.07	$127.68	$136.62
Total Daily Rate				$376.10

A daily difference of **$16.55 (increase)**. A weekly difference of **$115.85 (increase).**

EXAMPLE #2 – Patient's functional status improves; daily payment decreases.

Mild cognitive impairment patient with CVA – needed moderate assistance on evaluation

PDPM Component	CMG	CMI	Urban Base Rate	Daily Payment
Physical Therapy	TO (Function Score = 10-23)	1.47	$73.25	$107.68
Occupational Therapy	TO (Function Score = 10-23)	1.47	$68.18	$100.22
Nursing	CBC1 (Function Score = 6-14)	1.27	$127.68	$162.15
Total Daily Rate				$370.05

Mild cognitive impairment patient with CVA – improves to modified independent on day 14

PDPM Component	CMG	CMI	Urban Base Rate	Daily Payment
Physical Therapy	TP (Function Score = 24)	1.02	$73.25	$74.72
Occupational Therapy	TP (Function Score = 24)	1.03	$68.18	$70.23
Nursing	CA1 (Function Score = 15-16)	0.89	$127.68	$113.64
Total Daily Rate				$258.59 ⬇

A daily difference of **$111.46 (decrease).** A weekly difference of **$780.22 (decrease).**

EXAMPLE #3 – Patient's functional status declines; daily payment increases.

Cognitively intact patient with pulmonary issues – needed contact guard assistance on evaluation

PDPM Component	CMG	CMI	Urban Base Rate	Daily Payment
Physical Therapy	TK (Function Score = 10-23)	1.44	$73.25	$105.48
Occupational Therapy	TK (Function Score = 10-23)	1.46	$68.18	$99.54
Nursing	CBC1 (Function Score = 6-14)	1.27	$127.68	$162.15
Total Daily Rate				$367.17

Cognitively intact patient with pulmonary issues – needed maximal assistance on day 7 due to COPD exacerbation

PDPM Component	CMG	CMI	Urban Base Rate	Daily Payment
Physical Therapy	TJ (Function Score = 6-9)	1.34	$73.25	$98.16
Occupational Therapy	TJ (Function Score = 6-9)	1.37	$68.18	$93.41
Nursing	CDE1 (Function Score = 0-5)	1.53	$127.68	$195.35
Total Daily Rate				$386.92

A daily difference of **$19.75 (increase).** A weekly difference of **$138.25 (increase).**

EXAMPLE #4 – Patient's functional status declines; daily payment decreases.

Cognitively intact patient with a non-surgical fracture – needed maximal assistance on evaluation

PDPM Component	CMG	CMI	Urban Base Rate	Daily Payment
Physical Therapy	TF (Function Score = 6-9)	1.52	$73.25	$111.34
Occupational Therapy	TF (Function Score = 6-9)	1.51	$68.18	$102.95
Nursing	PDE1 (Function Score = 0-5)	1.39	$127.68	$177.48
Total Daily Rate				$391.77

Cognitively intact patient with a non-surgical fracture – was dependent on day 10 due to new pain of unknown etiology

PDPM Component	CMG	CMI	Urban Base Rate	Daily Payment
Physical Therapy	TE (Function Score = 0-5)	1.34	$73.25	$98.16
Occupational Therapy	TE (Function Score = 0-5)	1.33	$68.18	$90.68
Nursing	PDE1 (Function Score = 0-5)	1.39	$127.68	$177.48
Total Daily Rate				$366.32 ⬇

A daily difference of **$25.45 (decrease).** A weekly difference of **$178.15 (decrease).**